



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090843

**Mode:** Highway

**Status:** Submitted

### US-601

**From/Cross Street:** I-74

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** SR 1104 (Cody Trail)

**Project Category:** Regional Impact

**Length:** 7.19

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$49,344,000

#### Description:

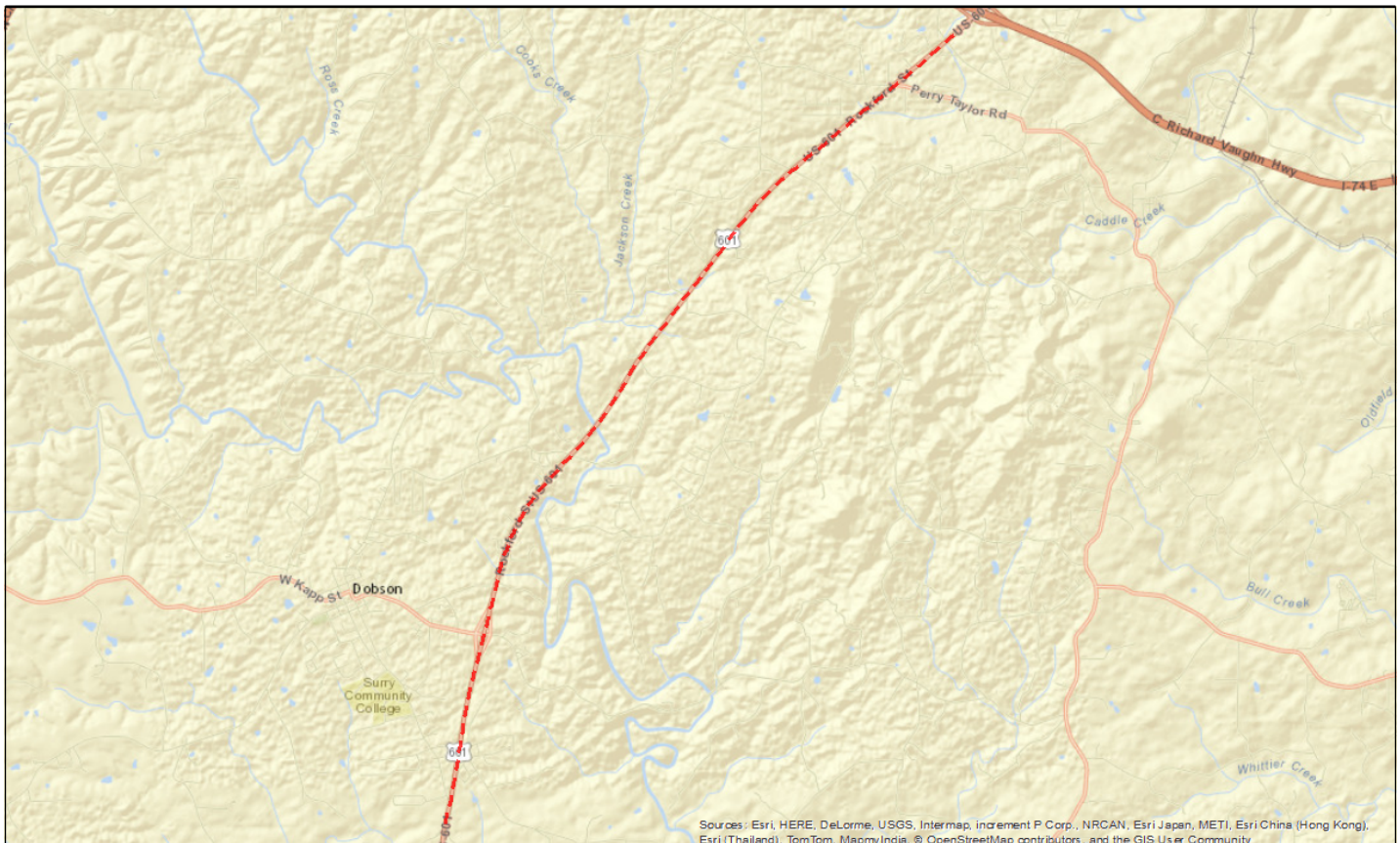
Expand Existing Facility to 4-Lane Road.

**Division(s):** Division 11

**County(s):** SURRY

**MPOS(s)/RPO(s):** Northwest Piedmont RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 52.33**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 46.56 Safety (10%) 63.68 [Travel Time] Benefit/Cost (25%) 0.86 Accessibility / Connectivity (10%) 41.07	Percent: 15% Points: 100	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 22.33</b>		

**Division Needs Total Score: 15.85**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 46.56 Safety (10%) 63.68 [Travel Time] Benefit/Cost (20%) 0.86	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 15.85</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	7.19
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	10901.41
Capacity:	15500
Volume/Capacity Ratio:	0.7
% Autos:	96%
% Trucks:	4%
Truck Volume:	486.16
Crash Density:	75.03
Crash Severity:	63.8
Critical Crash Rate:	52.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	52.84
Travel Time Index:	1.04

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	7.19
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1889542.58
Travel Time Savings for 30 Years (Autos):	1805277.17
Travel Time Savings for 30 Years (Trucks):	84265.41
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$47,424,000	TIP Unit
Right-of-Way Cost:	\$1,714,000	Cost Estimation Tool
Utilities Cost:	\$206,000	Cost Estimation Tool
Total Project Cost:	\$49,344,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$49,344,000</b>	